

**Cc:** Vaughn, Stephanie[Vaughn.Stephania@epa.gov]  
**To:** Hoppe, Michael[Hoppe.Michael@epa.gov]  
**From:** Stan Kaczmarek  
**Sent:** Mon 11/25/2013 8:06:53 PM  
**Subject:** RE: Production Volumes

Mike, what you have photographed are empty sacks filled with empty sacks. Can't let those liners float into the river. More AquaGate is just now approaching Clay Street Bridge.

Stan

**Stan Kaczmarek, PE**  
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>>> On 11/25/2013 at 2:46 PM, in message  
<1f308d42b1dd491b8d3750aec93366ed@BY2PR09MB062.namprd09.prod.outlook.com>,  
"Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

Stan,

I am sorry to be a pain, and I just wanted to confirm that they said used the aquagate and that they didn't break down. They were shut down when I was there and at 11AM the barge, with aquagate, was docked on the Route 21 side of the river. To be clear, there were super sacks of aquagate on that barge after they said they were done for the day.

This is not a big deal, but if they told you they used all of the material, that isn't what I observed. That's all.



Michael Hoppe

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**From:** Stan Kaczmarek [mailto:StanK@demaximis.com]  
**Sent:** Monday, November 25, 2013 2:24 PM  
**To:** Hoppe, Michael  
**Cc:** Vaughn, Stephanie  
**Subject:** RE: Production Volumes

Mike, they shut down this morning after placing the remaining 27 bags of AquaGate they had on site. They can't place anything else until more material comes up river, and that is scheduled to arrive in the next hour. Looking at progress on MarineTraffic.com, it appears that the Capt Zeke and the Buchanan 15 are both just now approaching the Amtrak bridges in Newark... a little behind schedule likely because they had to wait for bridges to open.

By the time the barges arrive and Great Lakes moors them, it will be time to call it a day. So the anticipation is that Great Lakes will be ready to start early on Tuesday. This morning it took a while to get started because of temperature impacts on the hydraulics of all the heavy equipment... they needed to get it all warmed up. May be a similar 2 hour warm up period tomorrow morning.

Temperatures for the next 8 days, will be above freezing each day, so ice is not anticipated to be an issue.

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>>> On 11/25/2013 at 2:01 PM, in message  
<[3c9a063fccd54f48a9d2ad97faed94f4@BY2PR09MB062.namprd09.prod.outlook.com](mailto:3c9a063fccd54f48a9d2ad97faed94f4@BY2PR09MB062.namprd09.prod.outlook.com)>, "Hoppe,

Michael" <[Hoppe.Michael@epa.gov](mailto:Hoppe.Michael@epa.gov)> wrote:  
Stan,

I am glad that productions were so high. That is always the best case for any scenario. I am just a bit concerned because I saw ice on the banks this morning and I know that each day to maximize production is a gift this time of year.

Let me know when they say why they shut down today though.

Thanks.

Mike

Michael Hoppe

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**From:** Stan Kaczmarek [<mailto:StanK@demaximis.com>]

**Sent:** Monday, November 25, 2013 1:45 PM

**To:** Hoppe, Michael

**Cc:** Vaughn, Stephanie

**Subject:** RE: Production Volumes

Mike,



We had 1 hour of production this morning, placing sand with 27 bags of AquaGate. More material is due up river this afternoon which will allow a full day of production on Tuesday, especially since the rain is not supposed to get heavy until Tuesday night. This past weekend (Saturday and Sunday) was needed to add more sand and AquaGate to the various barges and scows so that it would be available by today's up river planned transit.

I had told Amy on Saturday that because they had such a good day of production then (90 bags AquaGate placed), there would be no more than 2 hours of operation today until the new material barges came up river late in the afternoon. It is hard to make changes to weekend barge movements in the middle of the weekend. I'll have more information a little later, but even with the loss of many hours today (because of higher efficiencies on Saturday) and the likely loss of Wednesday due to weather, the active layer placement will still very likely be completed early next week.

Stan

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>>> On 11/25/2013 at 12:58 PM, in message  
<b6a8b10dc7e74b3f8a267aa1f25c03f0@BY2PR09MB062.namprd09.prod.outlook.com>, "Hoppe,

Michael" <Hoppe.Michael@epa.gov> wrote:  
Stan,

I was at 10.9 this morning and spoke to Ben regarding the operations for the day but was already driving up so I stayed a while.

He mentioned that they'd run about 2 hours and that they were going to run out of the aquagate. I didn't see them run at all, but watched as they moved the aquagate barge out of the way. Ben said they only ran 20 minutes. What happened? A break down? Also, on a Monday, why wasn't they another delivery of aquagate if they knew they'd be running out? They must have an idea Friday/Saturday. I do realize the wind and weather could have been more favorable, but we have a terrible weather prediction for late Tuesday and all day Wednesday and here we are not running in the sunshine and calm. Thursday is a holiday, so we MAY get 2 days of productivity this week, unless they decide to run in the rain.

Thanks for any info.

Mike

Michael Hoppe

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**From:** Stan Kaczmarek [<mailto:StanK@demaximis.com>]

**Sent:** Monday, November 25, 2013 12:42 PM

**To:** [BudneySL@cdmsmith.com](mailto:BudneySL@cdmsmith.com); Hoppe, Michael; Vaughn, Stephanie

**Cc:** Amy Picunas; [Gary.Foster@CH2M.com](mailto:Gary.Foster@CH2M.com); [George.Hicks@CH2M.com](mailto:George.Hicks@CH2M.com); John Rolfe; Willard Potter; Robert Law

**Subject:** Production Volumes

Stephanie and Mike,

Amy Picunas requested that we submit to EPA and CDM daily production data. Attached is a spreadsheet that summarizes this raw data to determine the adequacy of AquaGate utilization through November 22:

- Daily volume of AquaGate applied (based on number of 1 cubic meter bags utilized)
- Daily volume of sand applied (estimated from daily differences in sand barge water displacement)



The volume of AquaGate applied over the area though last Friday provides the equivalent of 2.8 inches of active material depth throughout the area south of the No Dredge Zone, surpassing the minimum required 2.5 inch equivalent (or 25% in a 10 inch layer).

I will submit additional data as it becomes available, and provide additional responses to Stephanie's 11/25 email later today.

Please call me if you have any other questions.

Stan

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